

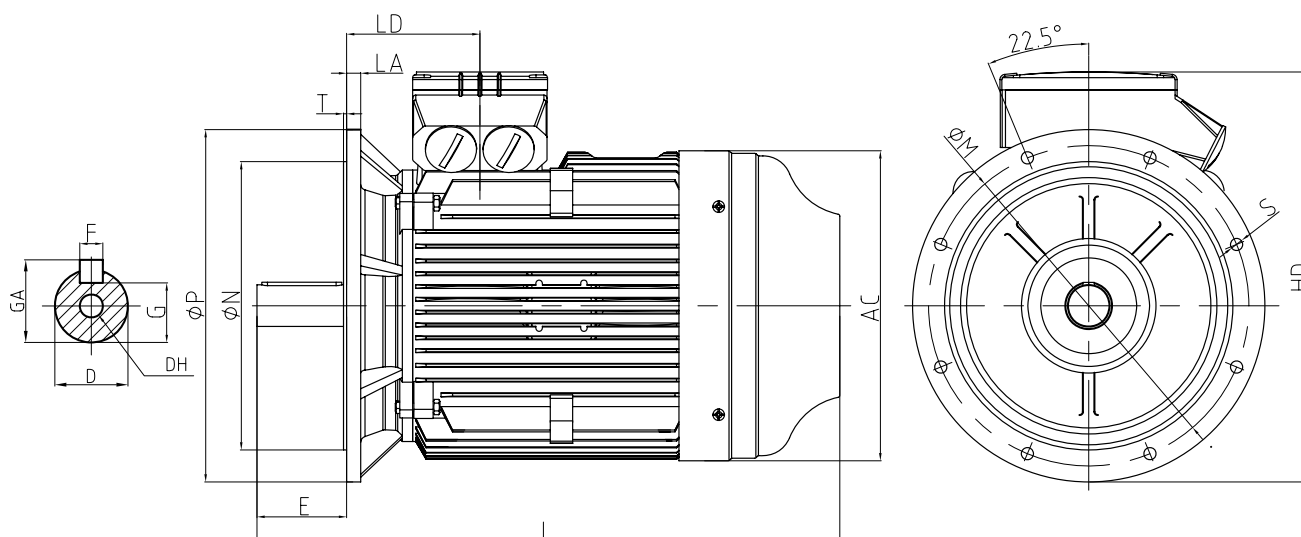
# WE250M-6 37KW 400/690V B5

## Three-phase asynchronous motor in cast iron

Motor type WE250M-6 37KW 400/690V B5  
 Brand BUSCK  
 Item number 83062502

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 37       | 50           | 66,4      | 980       |
| 690       | 37       | 50           | 38,2      | 980       |
| 460       | 42,55    | 60           | 66,4      | 1176      |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 92,4          |
| Insulation class       | F            | Efficiency, load 75%    | 92,4          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 91,4          |
| Max. ambient temp.     | 40°C         | Power fact, load 100%   | 0,87          |
| Min. ambient temp.     | -20°C        |                         |               |
| Max. temp. rise        | 80 K         | Painting                | Standard      |
| Max altitude, masl     | 1000         | Color                   | RAL 9005      |
|                        |              | Weight kg               | 380           |
| Torque, Nm             | 361          | Sound pressure Lp dB(A) | 61            |
| Starting torque ratio  | 2,1          | Bearing DE              | 6314          |
| Pull out torque ratio  | 2,5          | Bearing NDE             | 6313          |
| Starting current ratio | 7            | Balance grade           | Normal        |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,985         |
|                        |              | Cable entries           | 2xM63 + 1xM16 |
| Note                   | IE2          |                         |               |



| D  | E   | F  | G  | GA | DH  | M   | N   | P   | S    | T | AC  | HD  | LA | LD  | L   |
|----|-----|----|----|----|-----|-----|-----|-----|------|---|-----|-----|----|-----|-----|
| 65 | 140 | 18 | 58 | 69 | M20 | 500 | 450 | 550 | 18.5 | 5 | 485 | 647 | 22 | 212 | 915 |